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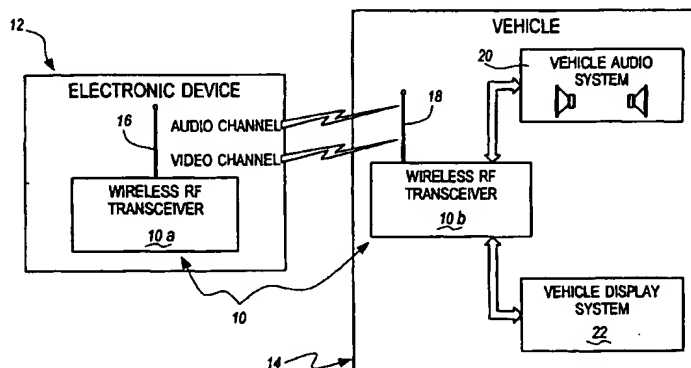
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(54) Title: **WIRELESS COMMUNICATIONS SYSTEM AND METHOD**



(57) Abstract: A wireless communications system and method adapted for use in automotive applications for enabling automatic, high-speed, wireless voice and/or data communications links to be established between a wide variety of external devices and various electronic subsystems of a vehicle. The apparatus includes first and second RF transceivers which are operated in accordance with a communications specification to enable a seamless, automatic communications link to be created when the two RF transceivers come within a pre-determined proximity of one another, for example, within up to 100 meters of one another. Information from one device is then automatically transmitted over the wireless communications link to the other device. In various implementations the apparatus is used to obtain information from a home PC, a work PC, a notebook PC and various other electronic devices, as well as information from the Internet, which is displayed and/or played back for the user by various subsystems of the vehicle while traveling in the vehicle. Other applications involving retail and manufacturing applications are disclosed by which the apparatus is used to facilitate and/or expedite manufacturing processes or retail transactions via one or more high-speed, secure, wireless communications links which are created automatically and seamlessly between the RF transceivers of the apparatus of the invention.

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# INTERNATIONAL SEARCH REPORT

International Application No  
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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G07C5/00 H04B7/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B60R G07C H04B H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 25248 A (MICRON COMMUNICATIONS INC ;TUTTLE JOHN R (US)) 11 June 1998 (1998-06-11)	1,8,10, 13,16-19
Y	abstract; figure 2  page 3, line 6 - line 18 page 3, line 30 -page 4, line 9 page 5, line 6 - line 32 page 6, line 7 - line 20 page 9, line 32 -page 10, line 21	2,9,11, 21-23
Y	ARFWEDSON H ET AL: "ERICSSON'S BLUETOOTH MODULES" ERICSSON REVIEW,ERICSSON. STOCKHOLM,SE, no. 4, 1999, pages 198-205, XP000877966 ISSN: 0014-0171 the whole document	2,21-23
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Int ernational Application No  
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Y	US 5 889 472 A (NAGEL GERHARD ET AL) 30 March 1999 (1999-03-30) abstract column 4, line 44 - line 60 ----	11
A	DE 43 23 144 A (DIEHL GMBH & CO) 19 January 1995 (1995-01-19) abstract; figure 1 column 1, line 49 -column 2, line 19 ----	4-7
A	US 5 732 074 A (BRAITBERG MICHAEL F ET AL) 24 March 1998 (1998-03-24) abstract column 2, line 11 - line 65 -----	22

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Information on patent family members

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